



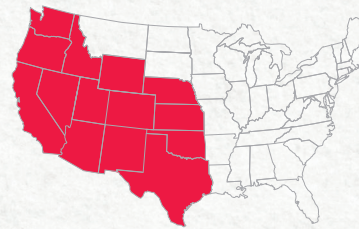
AMERISTAND 519NT

FALL DORMANCY: 5.1



High Yield Potential With High Nematode Resistance

- High resistance to Alfalfa Stem Nematode, Pea and Spotted Alfalfa Aphid
- AmeriStand 519NT performance is built on eleven breeding cycles of biotic and abiotic pest and stress improvements over AmeriStand 518NT
- Widely adapted to take advantage of the strong yield potential of this improved conventional fall dormancy 5 variety
- Very fast recovery provides high yield potential under intensive harvest management

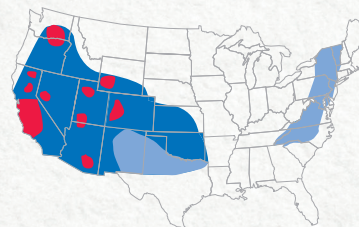


• Primary Adaptation

Nematodes are Yield Robbers

Stem Nematodes infestations can cause stunted plants and thin stands. Under warm, humid conditions, they can migrate into leaf tissue, killing chloroplasts and turning the leaves white. Infestations can cause stunted plants and thin stands.

Root Knot Nematodes are among the most widespread and economically damaging to alfalfa. They are most abundant in sandy loam soils and infect roots, causing galls and lateral root growth. Bacterial wilt, Phytophthora root rot, Fusarium wilt and stem nematode damage may be enhanced when Northern root knot is present.



Stem Nematode

- Severe
- Moderate
- Mild

Product Performance: West

PRODUCT	MULTI-YEAR % OF CHECKS
AMERISTAND 519NT	117
54Q29	104
L-451APH2+	100
HYBRIFORCE-3400	100
AFX 579	96

Data from FGI Trials in Washington from 2019-2021

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PERFORMANCE

Traffic Tested®:	Excellent
Yield Potential:	Excellent
Stand Persistence:	Excellent
Salt Tolerance*:	Germination

RESISTANCE

Phytophthora Root Rot:	HR
Aphanomyces Root Rot Race 1:	R
Anthraco nose Race 1:	HR
Verticillium Wilt:	HR
Bacterial Wilt:	HR
Fusarium Wilt:	HR
Pea Aphid:	HR
Spotted Alfalfa Aphid:	HR
Stem Nematode:	HR

HR	> 51% Resistance
R	31–50% Resistance
MR	15–30% Resistance
LR	6–14% Resistance

* In tests established by the NAAIC Review Board, this variety demonstrated improved salt tolerance of germinating seeds as compared to the industry salt tolerant checks. References available upon request.